# 2564 Rugged Wireless 2D&QR-code scanner with tether plate, DPM + Cradle + USB Cable, Bluetooth

A special model of the CipherLab A2564 wireless reader, designed for scanning the Direct Part Mark (DPM) code, which are codes stamped directly on the metal surface of the product.

The CipherLab 2564DP series business-rugged handheld scanner takes performance up a notch with a 578 scan rate for fast operations. Along with the ability to read high-density 1D and 2D barcodes and low contrast barcodes as low as 15%, the CipherLab 2500 series eases its aiming for scanning excellence on tiny objects or the barcodes which are poorly printed. CipherLab 2500 series equips with a scan beam of 3 mm in width from 15 cm away that allows users to reduce the probabilities of misreads while barcodes are placed close to each other. The CipherLab 2500 series handheld scanner maximizes workforce productivity for everyday operations in a variety of business.

### Key features Cipherlab A2564DP bar code scanner

- Bluetooth v4.0 Dual Mode with EDR
- IP54 rating and 1.8 m/ 6 ft. drop resistance
- capability to read Direct Part Mark DPM codes
- Snappy 578 scan rate on 1D Barcodes
- Reads barcodes up to 3 mil resolution and 15% PCS
- Auto detection of USB, RS232 and keyboard wedge interface
- Swappable battery runs over 24 hours on single charge
- ESD Protection ±10 kV(contact), ±20 kV (air)
- [Web-based ScanMaster](#) for easy access and configuration

Cipherlab provides the user-friendly an[d free worldwide accesible setup too](#)l as an addition to the standard way of setting up the scanner.
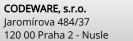
### Demonstration of reading DPM codes
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# Technical Description

## Functionality & Operation

| | |
|---|---|
| 2D Code Symbologies | Aztec, Composite codes, Data Matrix, DPM-Matrix Code, MaxiCode, Micro QR Code, MicroPDF417, PDF417, QR code, GS1 DataMatrix, GS1 QR Code, TLC-39 |
| 1D Barcode Symbologies | All standard one-dimension barcodes |
| Wireless communication | Bluetooth® |
| WPAN Features | Bluetooth® v4.0 |

## Optical

| | |
|---|---|
| Depth of scan field | 2 cm ~ 28 cm |
| Resolution | 3 mil 1D, 5 mil 2D |
| Bar code scanner | 2D Imager (Direct Part Mark scanning capability) |
| Maximal skew angle | 60° |
| Maximal pitch angle | 60° |
| Light source | warm white LEDs 2x |
| Scanning rate | 60scan/s |
| Minimal PCS value | 25% |

## Electrical

| | |
|---|---|
| Main battery pack | Rechargeable Li-Ion battery 3000 mAh, 3.7V |
| Main battery pack operating time | 75hr |

## Mechanical

| | |
|---|---|
| Weight | 198g |
| Dimensions | Width: 66mm, Height: 160.5mm Length: 98.2mm |
| Color | black |

## Environment

| | |
|---|---|
| Maximal ambient light | 100000lux |
| Operating temperature | 0 to 50°C |
| Storage temperature | -40 to 70°C |
| Operating humidity (non-condensing) | 10 to 90% |
| Storage humidity (non-condensing) | 5 to 95% |
| Ingress protection | IP65 |
| Electrical static discharge | ±20kV air, ±10kV contact |